Bee Safe Bulletin

July 2000

Calendar of Events

August 14

Stand Up for Safety & Health Day Handouts at Main Café 10 a.m. – 1 p.m.

September 14

Cleveland Federal Safety Council "OSHA Health Topics"

September 15

OSHA Stock Holders Meeting

September 18 – 22

GRC Safety Week

Upcoming Training

July 18- 21

OSHA 200 Construction Safety

August 9

Adult CPR

August 14

Employee Responsibilities in Health & Safety

August 16 - 17

Overhead Cranes & Material Handling

August 23

Lockout/Tagout (a.m.)

Confined Space (p.m.)

REMEMBER – Mission Success Starts with Safety

The Safety Permit Process

The Glenn Research Center (GRC) leads the Agency's research efforts in aeronautics and space propulsion systems. The very nature of this research activity requires the conduct of operations that have identified hazards associated with them. To protect the safety and health of Glenn employees, the Glenn Safety Office (GSO) has in place a Safety Permit System.

The objectives of the Safety Permit System is to avoid risks, injury to personnel, damage to property, and disruption of operations by:

•Providing a systematic approach to identify and control potential hazards.
•Obtain independent and timely safety review of all technical designs, tests, and operations.
•Permit the operation of facilities, systems/subsystems, and experiments within safe CONSTRAINTS.
•Control changes to "permitted" facilities, systems/subsystems, and experiments to ensure continued safe operations.
•Instill enhanced safety awareness in all employees, and ensure that facility personnel are properly trained to conduct operations in a safe manner.

Examples of operations that may require a safety permit include: use of fuels or oxidizers, chemicals or hazardous materials, compressed gases, high voltage electrical power, ionizing radiation sources, lasers, pressurized vessels or systems, vacuum systems, cryogens. Other examples include: high speed rotating equipment and high temperature operations (over 140 degrees F), aircraft operations, suspended load operations, and modifications to permitted systems. It is important to note that the preceding listings are only examples, and do not include the full range of activities that may require a safety permit. Most research activities at GRC fall into one of the categories identified here.

The safety permit constitutes a license to operate a facility or piece of equipment within the constraints listed on the permit. The need for a safety permit is determined by the nature and extent of the hazards associated with a proposed activity. Therefore, all proposed activities, operations, and tests must be reviewed by GSO to see whether a Safety Permit is required. As you can imagine, this is a requirement that would easily consume the limited resources of the GSO. As a consequence, and in an effort to fulfill its responsibilities to you, GSO constituted duly appointed Area Safety Committees. The responsibility for the review of proposed activities, etc., now rests with the chairperson of these committees.

The Safety Permit System is more fully described in the Glenn Safety Manual, Chapter 1A. Likewise, an electronic Safety Permit Requestor's Guide is available, and both may be accessed at http://osat.lerc.nasa.gov/GSM/GSM-1a.htm. This Guide provides examples of safety permits for several types of research activities and walks you through the safety permit process.

The Safety Permit System is designed to protect GRC employees and visitors from hazards associated with the conduct of research. However, it is effective only to the extent that each of us complies with the requirements specified in the Safety Permit Process. Can we count on you?

Stand Up For Safety Day

This year's Stand Up For Safety Day will be held on August 14, 2000. This all day function will give employees an opportunity to reflect on the role they play in improving the safety and health environment at the Center. Many informative and entertaining activities are planned. Each activity is designed to enhance your awareness of the importance that safety plays in our workplace and at home. Scheduled activities include:

•A Housekeeping Contest resulting in Centerwide recognition for the winning organization.
•Recycling information will be passed out.

And to help you remember the things you are taught during this Stand Up For Safety Day, small safety-related message items also will be distributed!

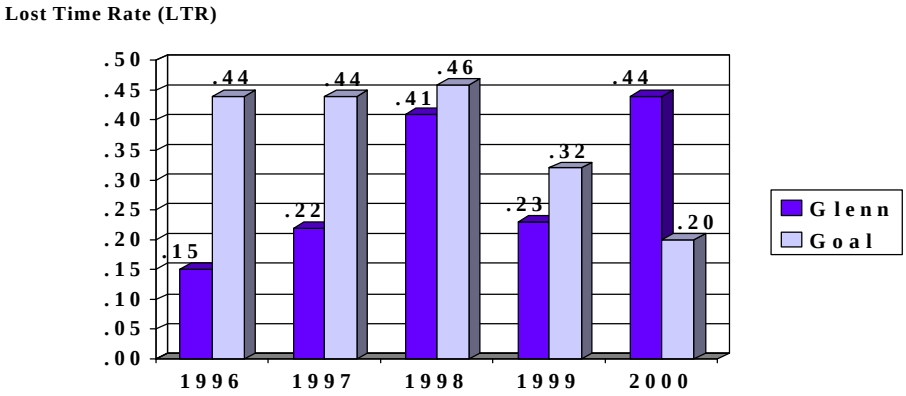
Place August 14, 2000, on your calendar and get ready for an exciting day of fun, entertainment, and enlightenment as GSO kicks off Stand Up For Safety Day!!

June - Civil Service Injury/Illness - Fiscal Year 2000/Third Quarter

LOST-TIME INJURY/ILLNESS

ORG. CODE	DIRECTORATE	TOTAL INCIDENTS	TOTAL DAYS LOST
7000	Engineering and Technical Services Directorate	5	76
0500	Office of Safety and Assurance Technologies	1	47
0180	Office of Equal Opportunity	1	1 (Continuing)

Lost Time Rate



LTR = # of Lost Time Incidents x 200,000 / # of Hours Worked

LOST TIME INCIDENTS

DIRECTORATE	TOTAL DAYS LOST	DESCRIPTION
7000 Engineering and Technical Services Directorate	56	Employee injured when struck on the head by spreader bar from overhead crane. Employee was rushed to hospital. Contusion to the head and right shoulder.
	1	Employee stepped with left foot into the gap between floor of test cell and the thrust stand. Hospital x-rays found normal, external bruise.
	3	Employee was stepping onto a loading dock and lost footing. Slipped off and jammed left thigh against concrete.
	11	Employee was moving a self-propelled lift, and left hand was crushed between the left panel and an electric panel. Crush injury to the wrist.
	5	Employee was moving concrete stairs, and stairs tipped striking left foot. Severe bone contusion with muscle and ligament tears and possible stress fracture.
0500 Office of Safety and Assurance Technologies	47	Employee was checking the emergency light located in the stairwell on the first floor. He walked down the steps, slipped on the bottom step. The toe of the left foot hit the floor and twisted the ankle. The x-rays showed that the fifth metatarsal of the left foot is broken.
0180 Office of Equal Opportunity	1 (Continuing)	Employee had slipped on the stairs and was rushed to the hospital. Broke ankle in three different locations, and dislocated the other parts of ankle.